

FIG. 1

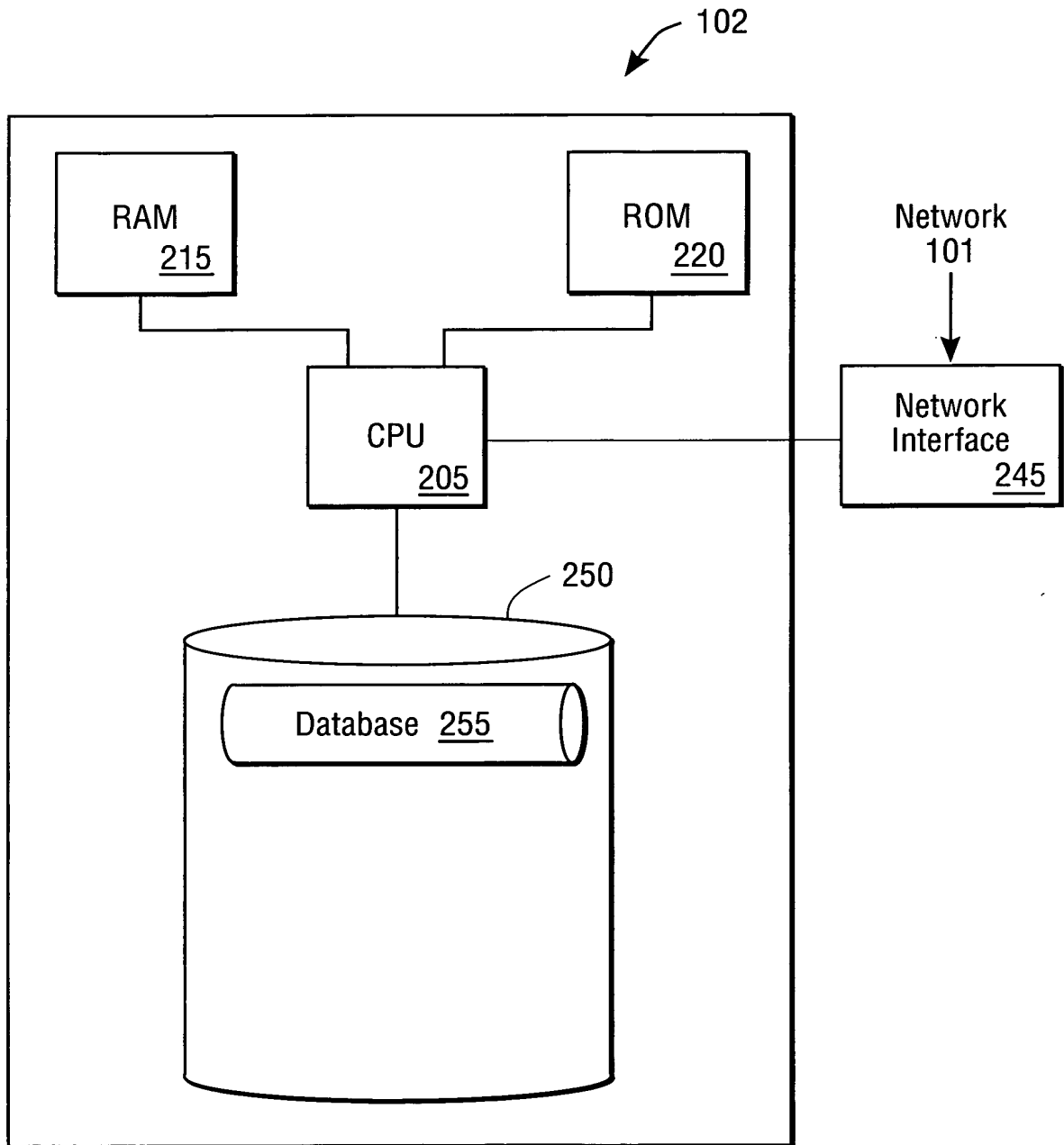


FIG. 2

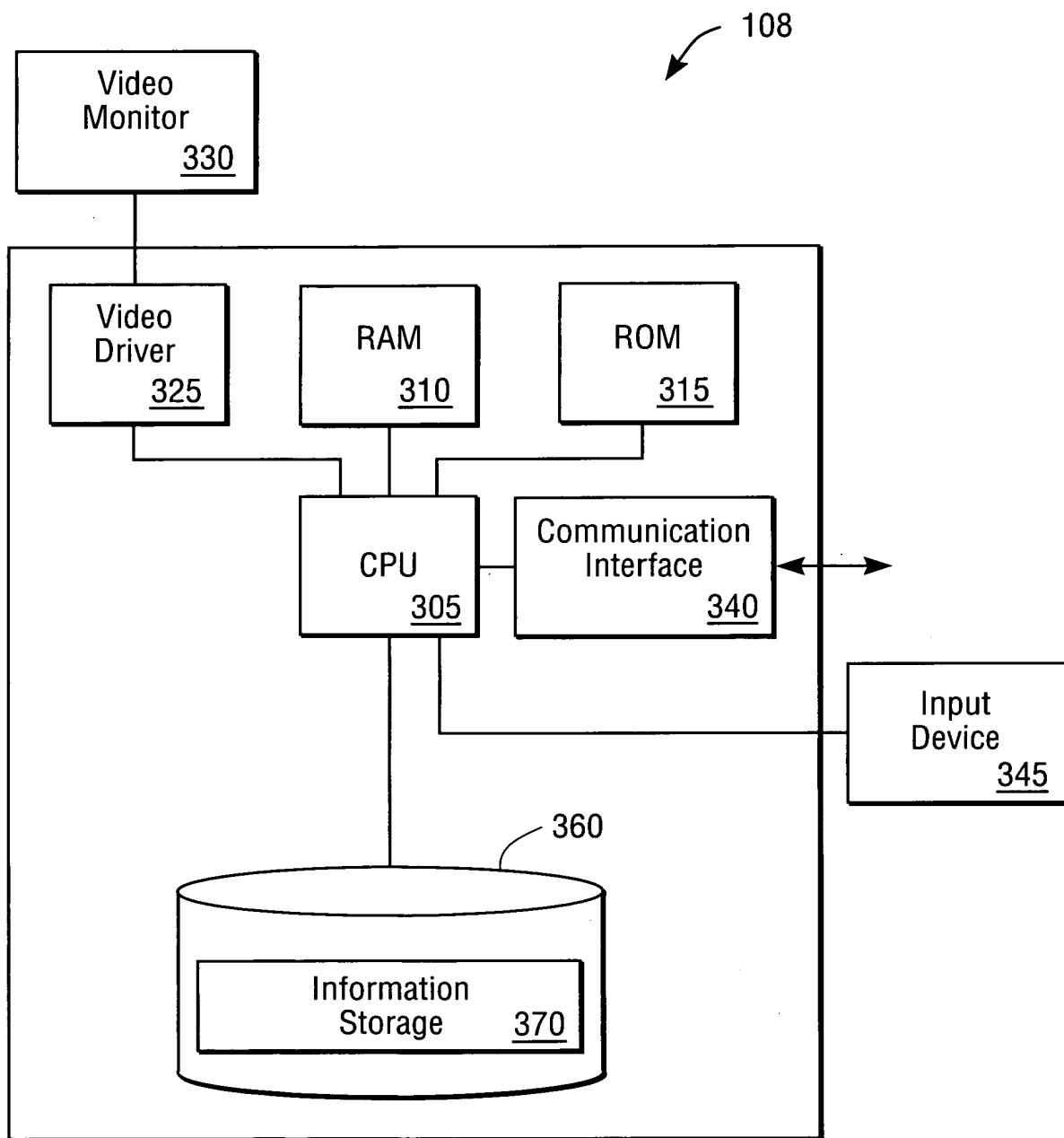


FIG. 3

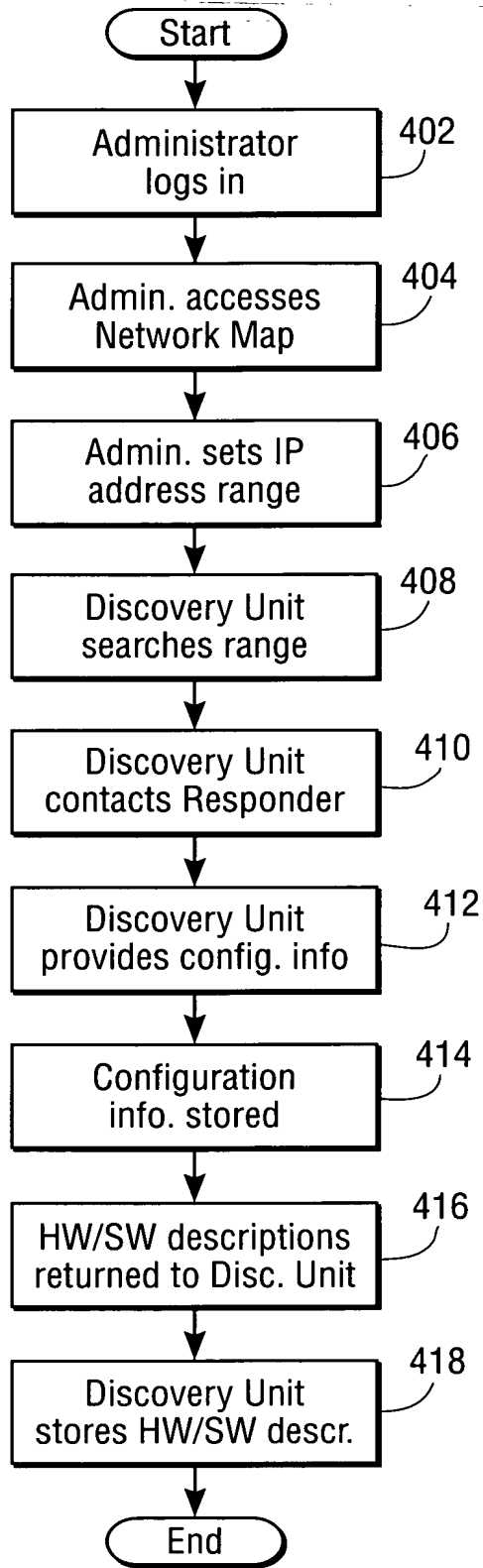


FIG. 4

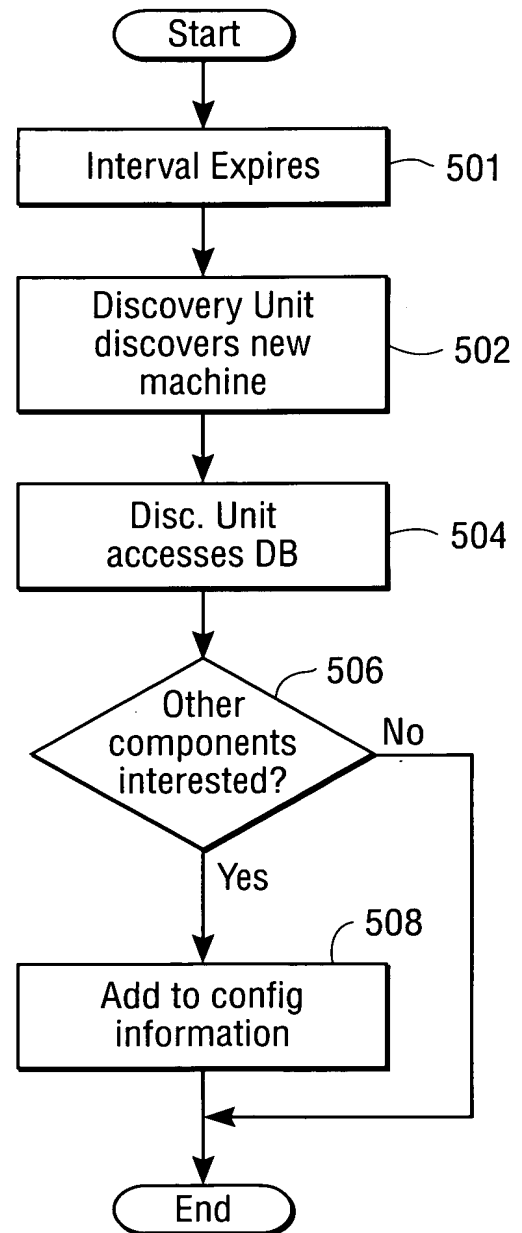


FIG. 5

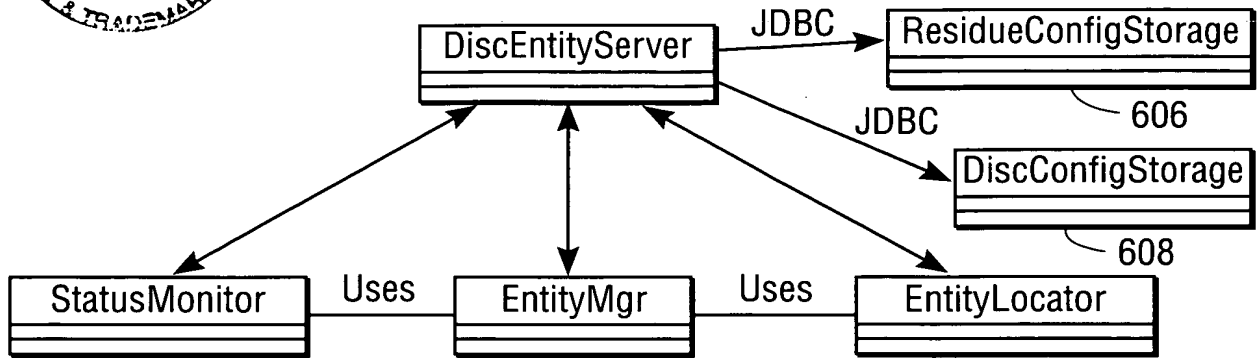


FIG. 6 High Level Classes in Disc Application

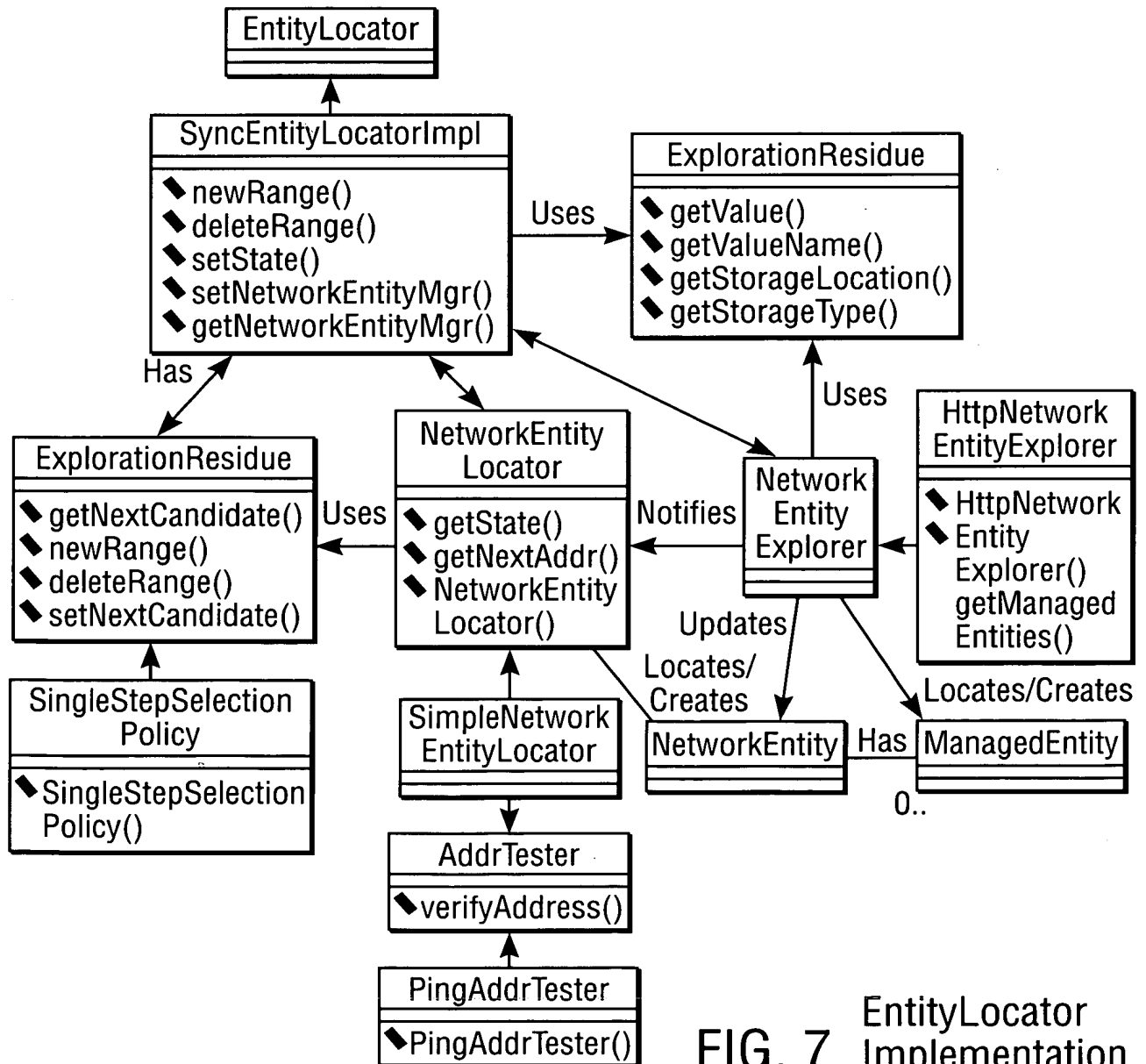


FIG. 7 EntityLocator Implementation

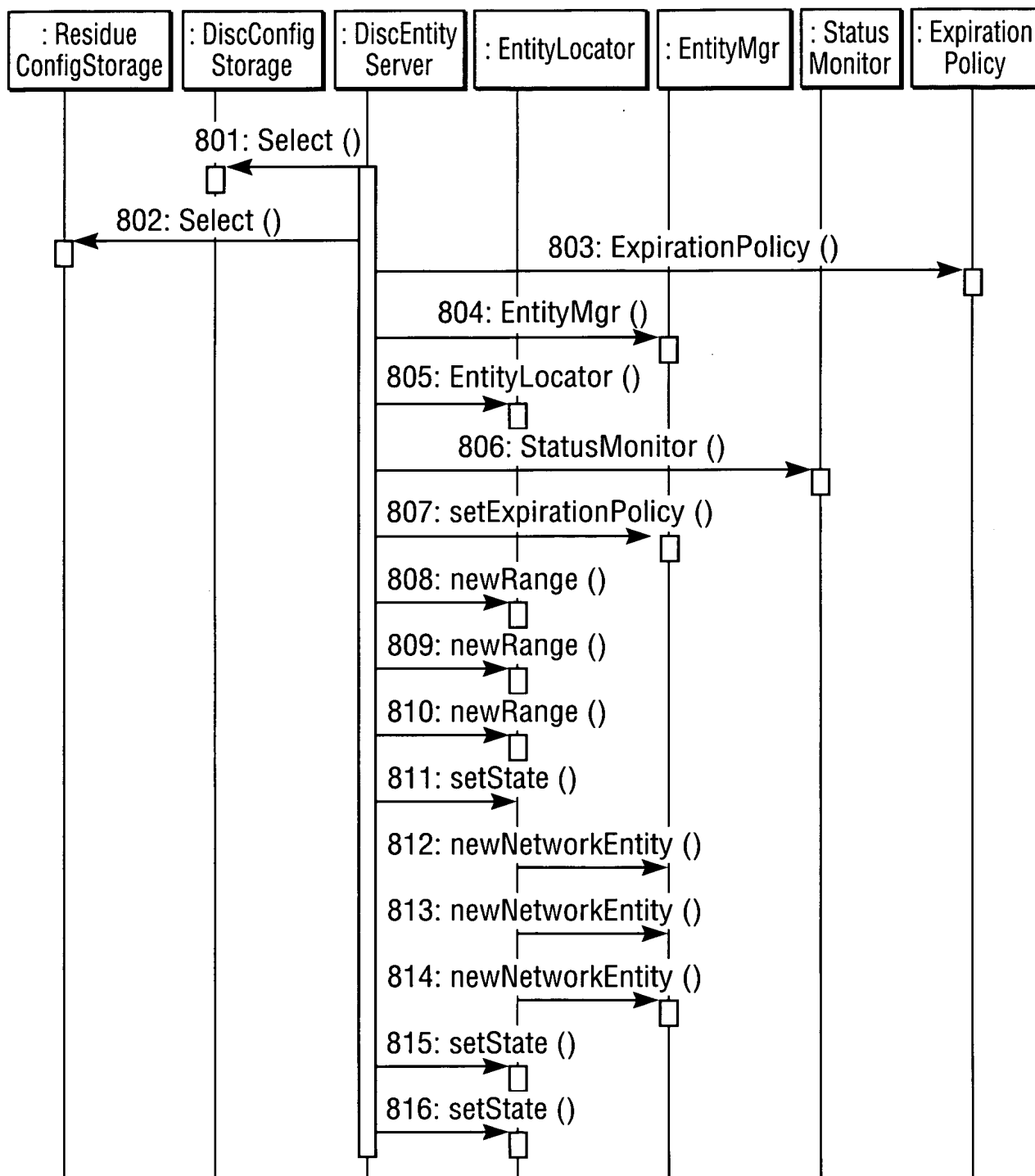


FIG. 8 Starting and Running the DiscEntityServer

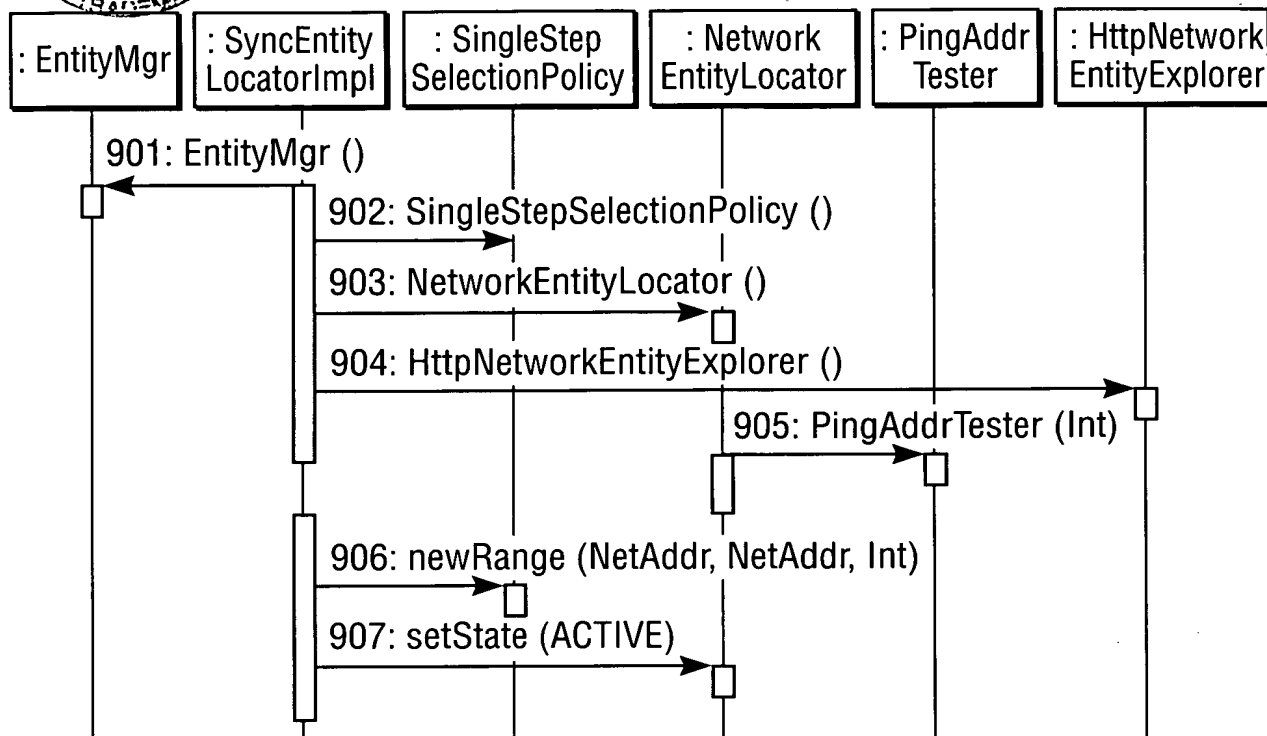
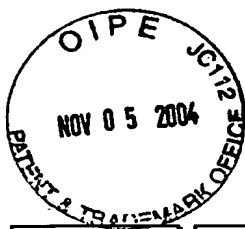


FIG. 9 Initialization of the EntityLocator

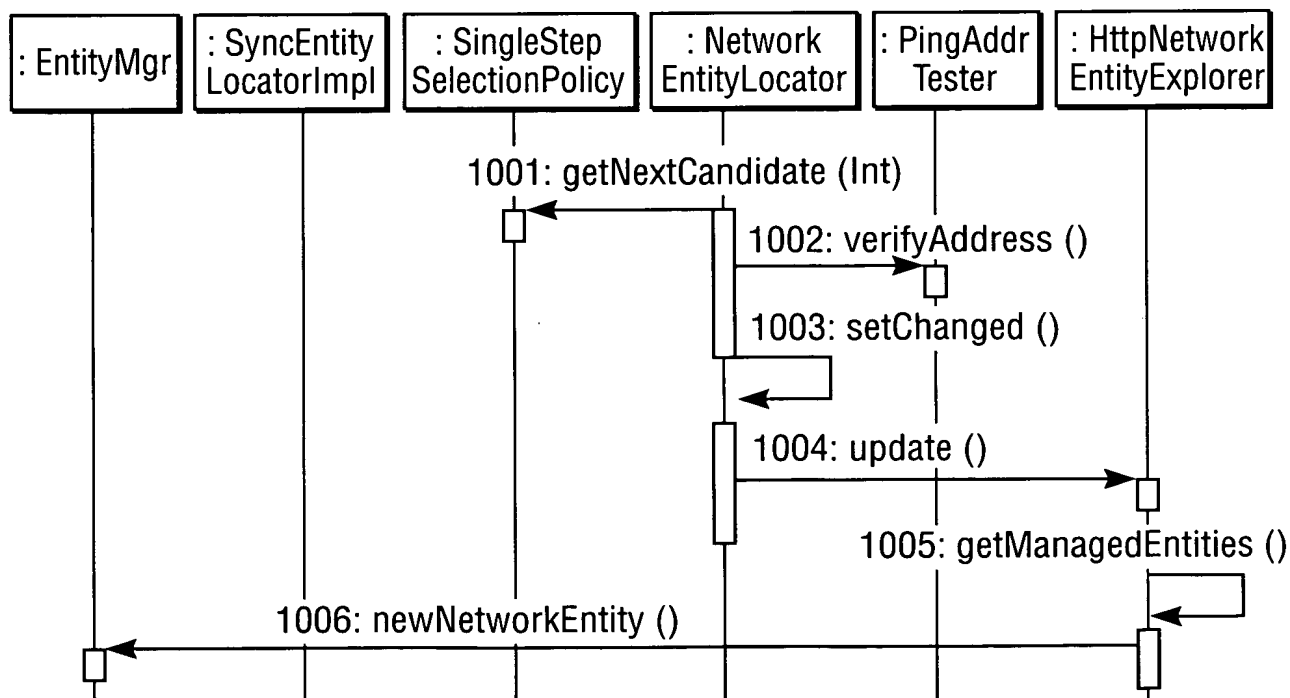


FIG. 10 An Iteration in the Location Process

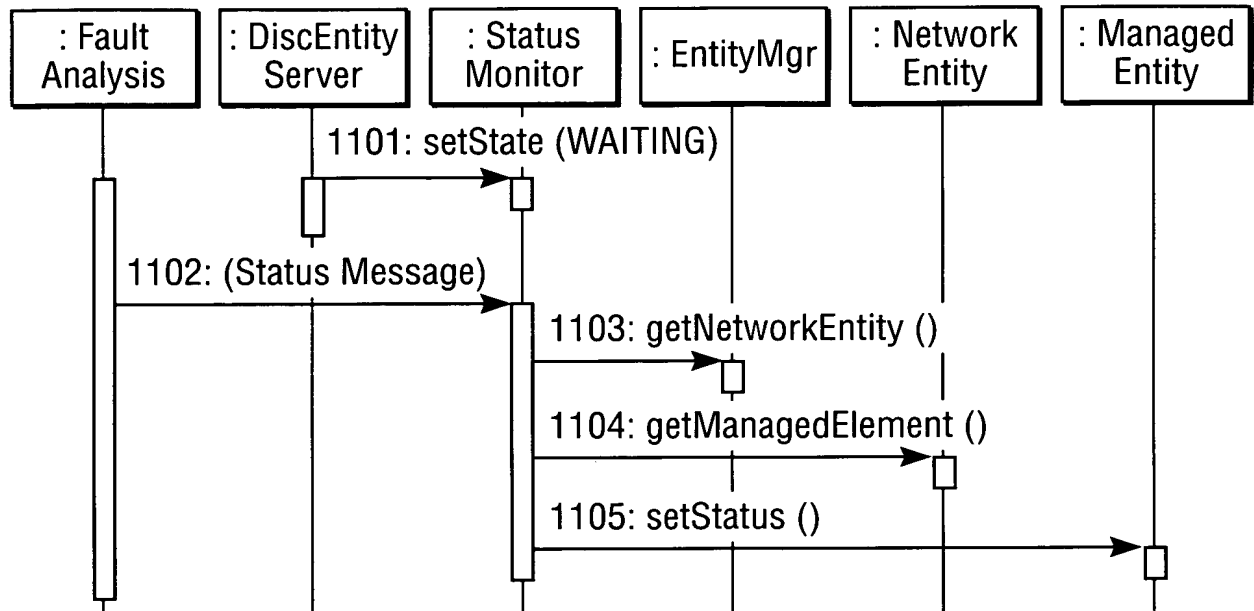


FIG. 11 StatusMonitor

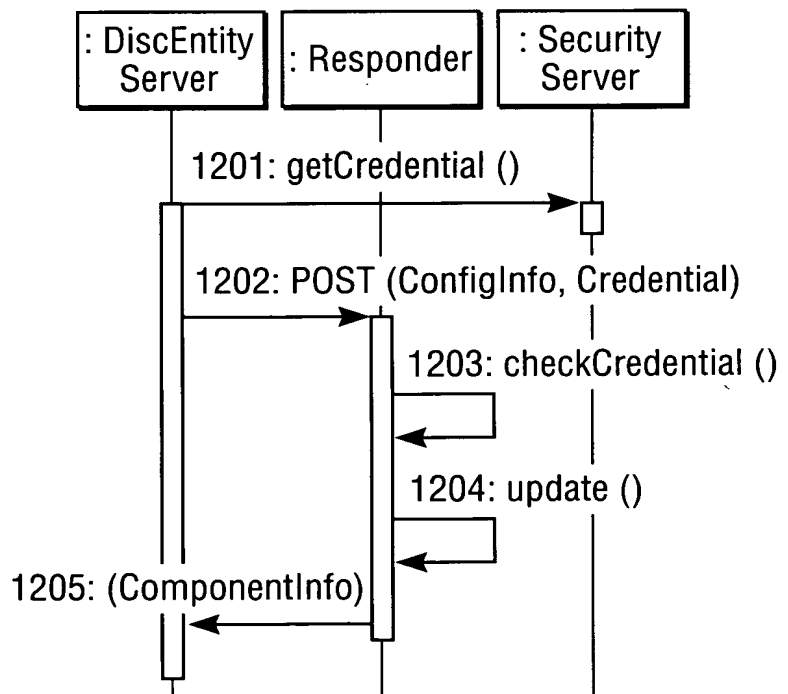


FIG. 12 Discovering and Updating a Responder



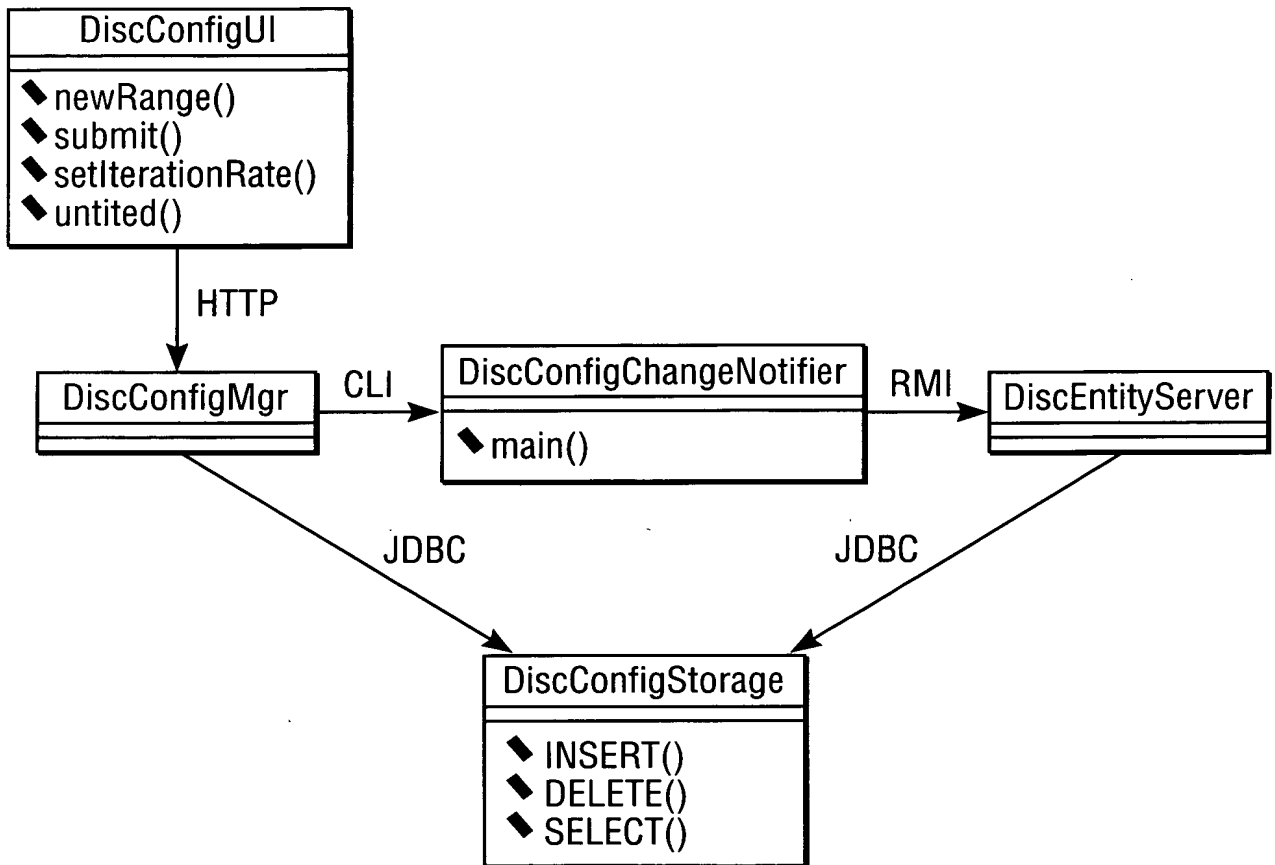
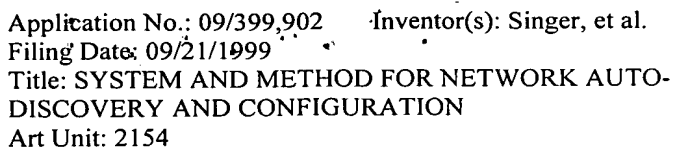
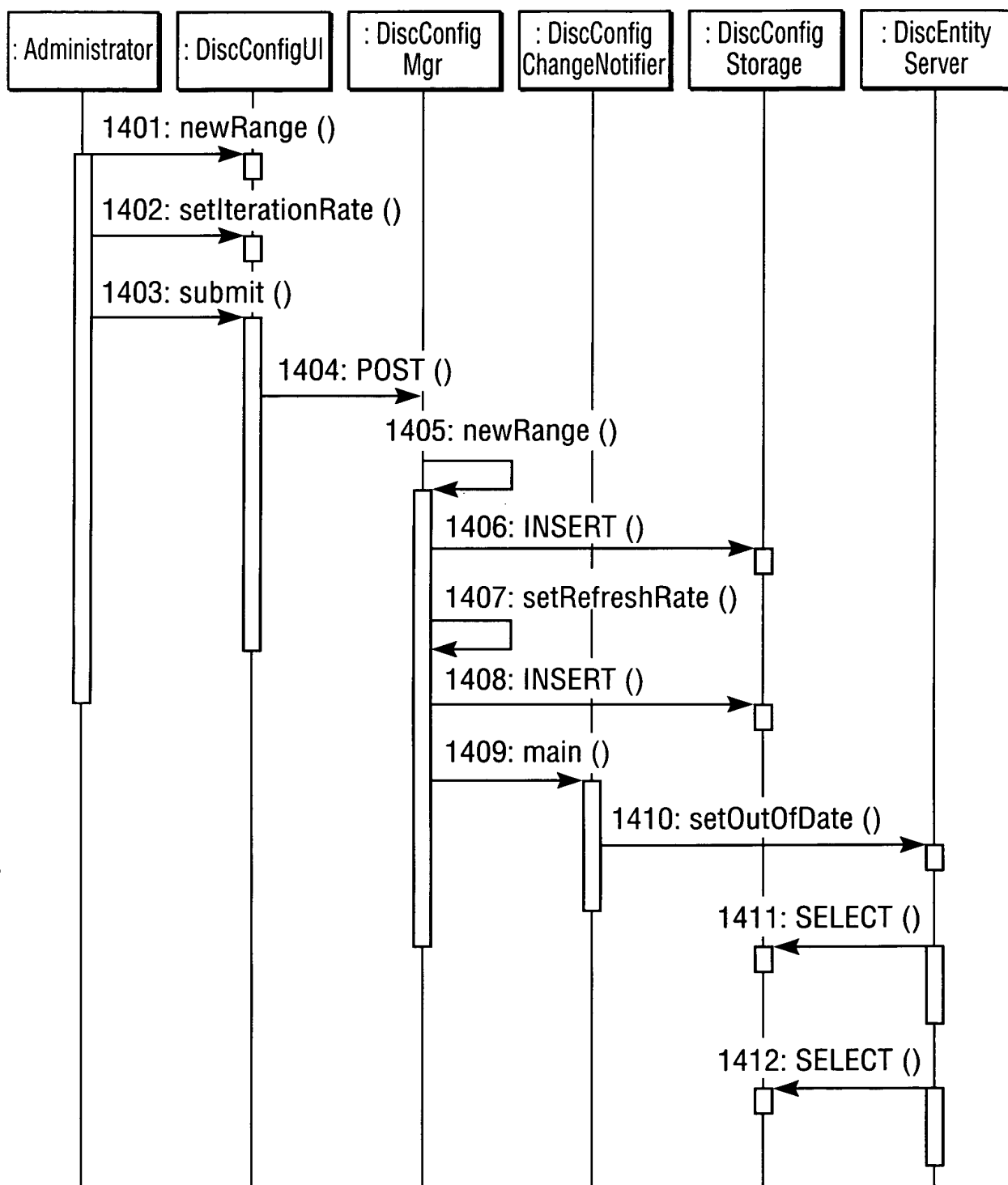


FIG. 13 DiscConfig communications methods



Sheet 10 of 18



### FIG. 14 Changing the configuration values

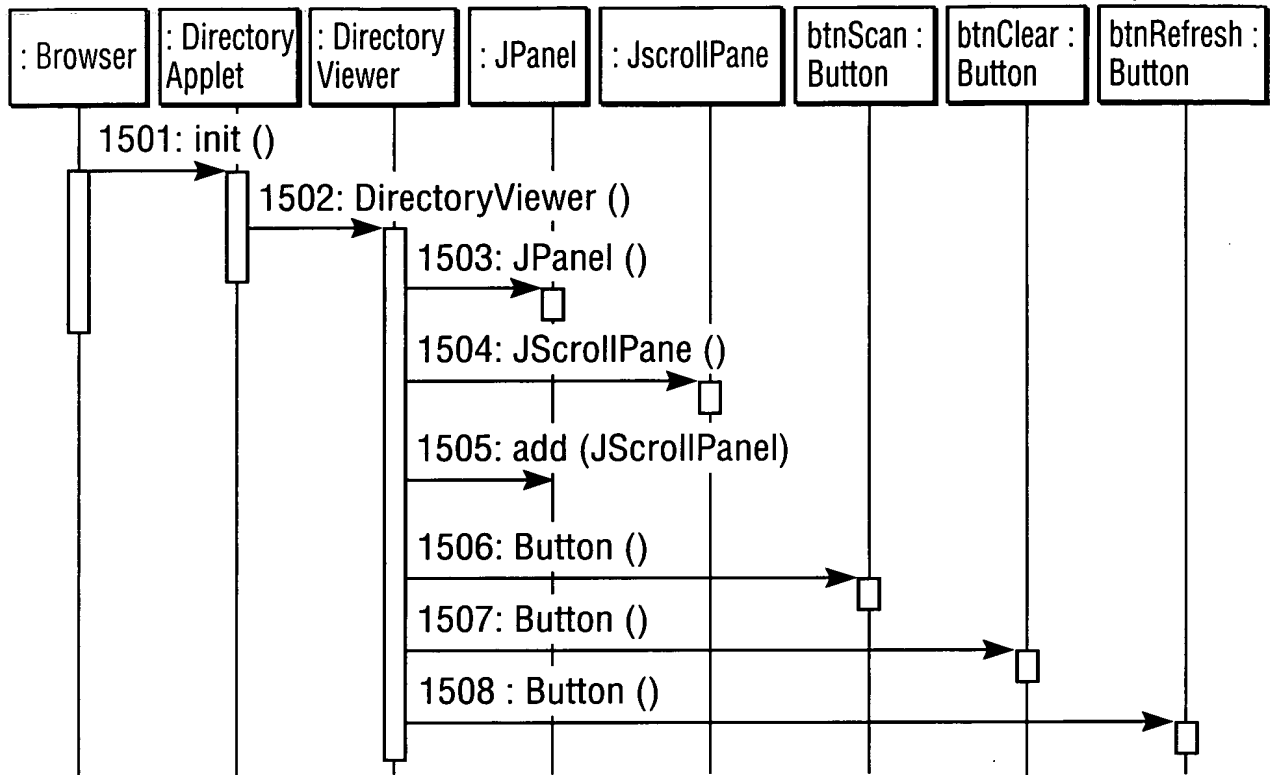
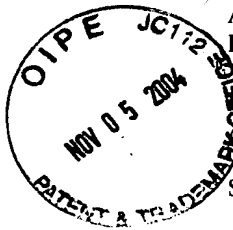


FIG. 15 GUI initialization

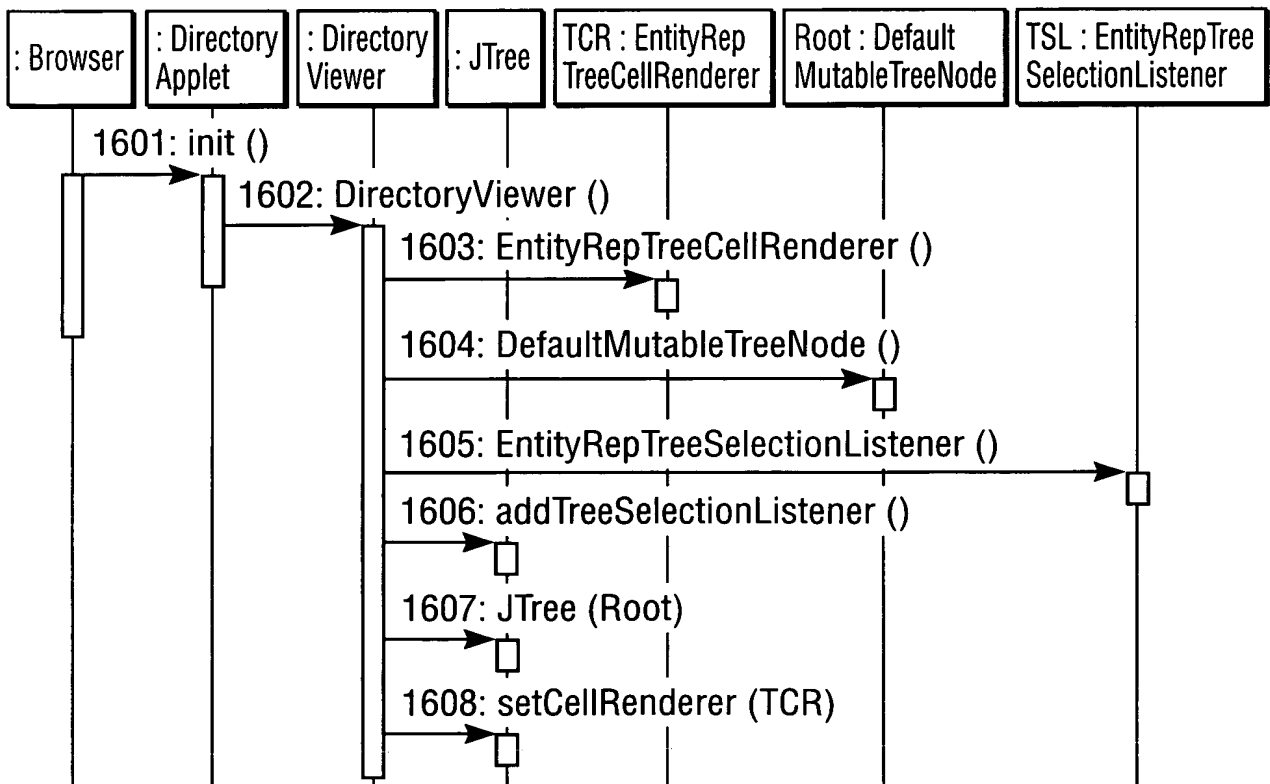
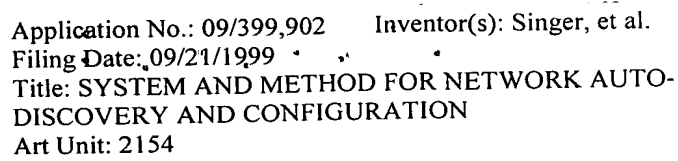


FIG. 16 Directory Initialization



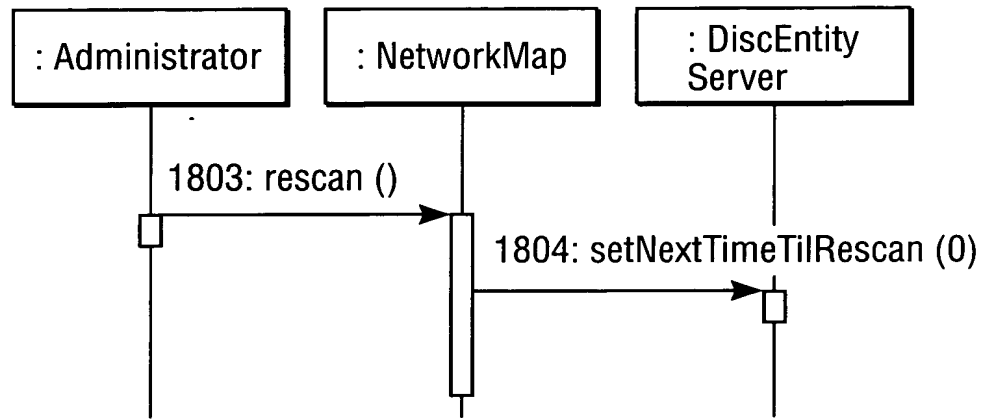
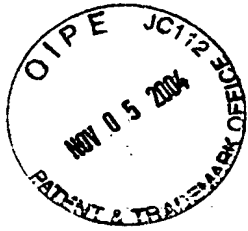


FIG. 18B Telling the DiscEntityServer to Rescan the network

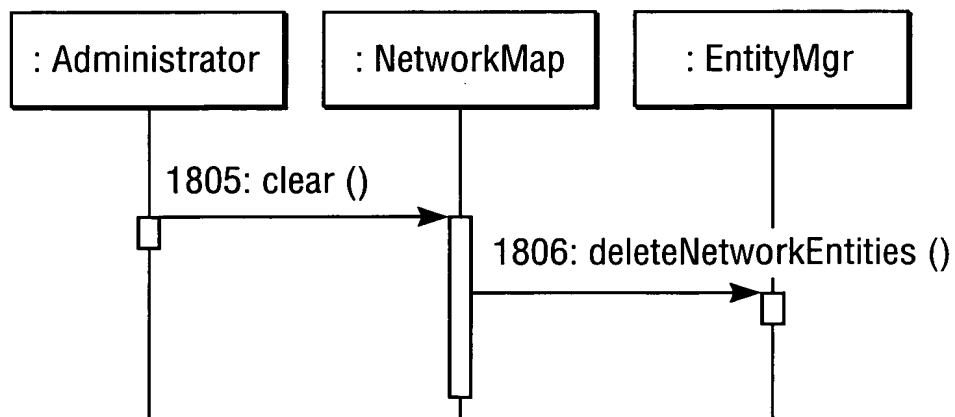
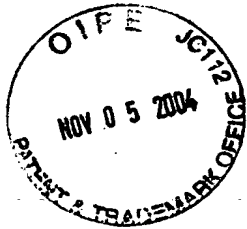


FIG. 18C Clearing the storage of all found NetworkEntities



5000

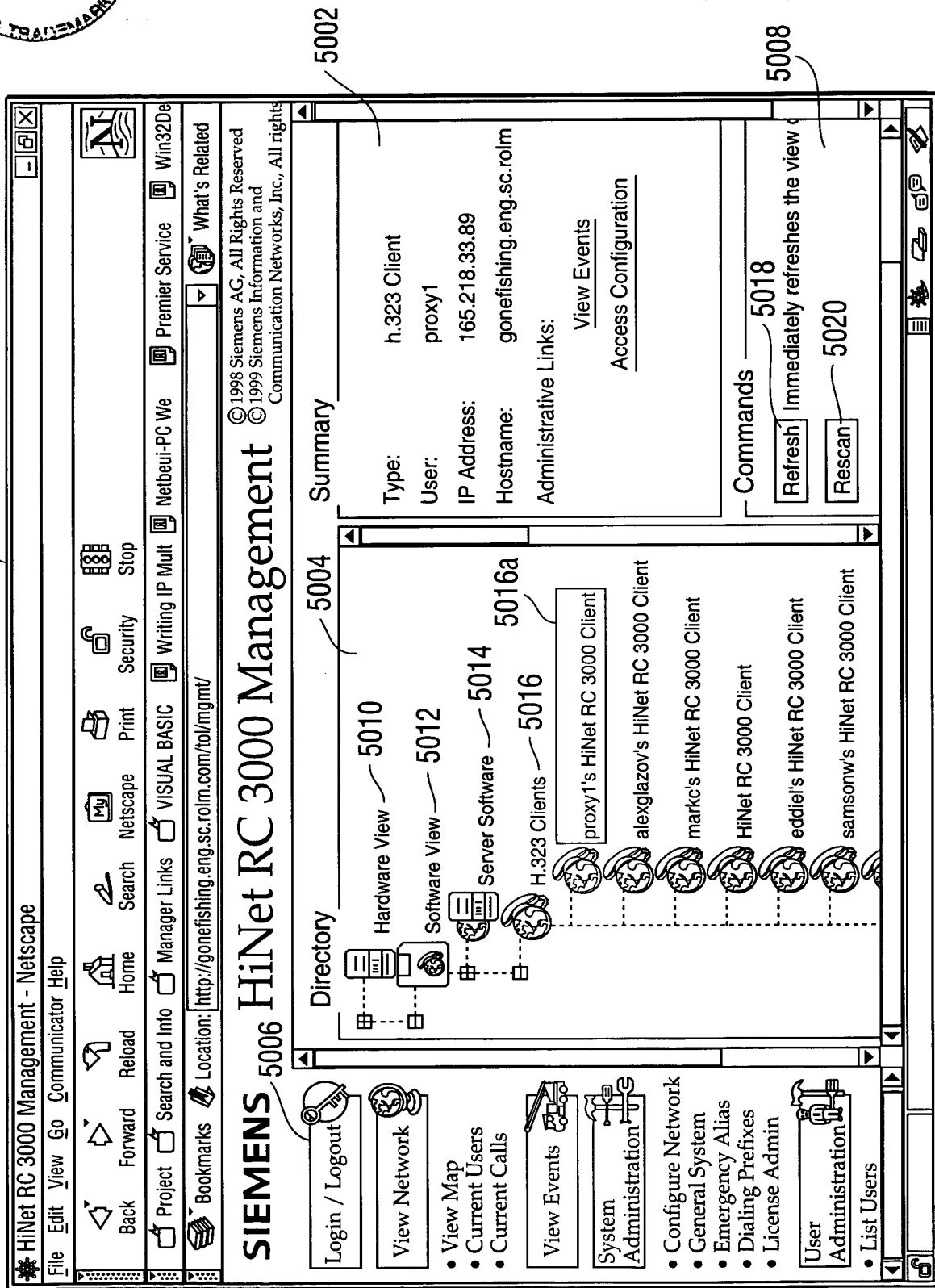
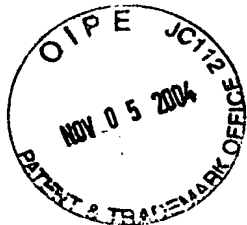


FIG. 19A



5000

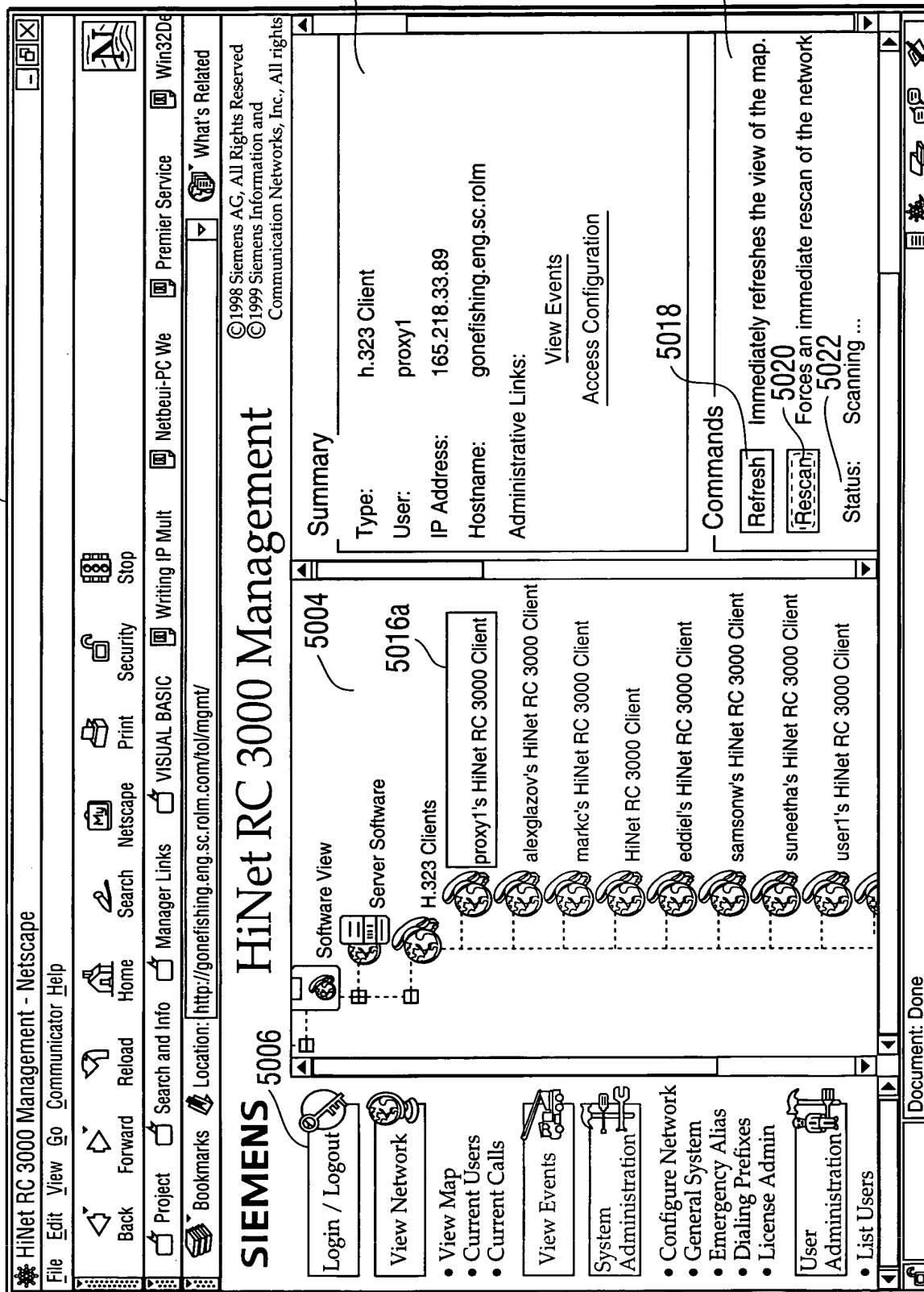


FIG. 19B



5000

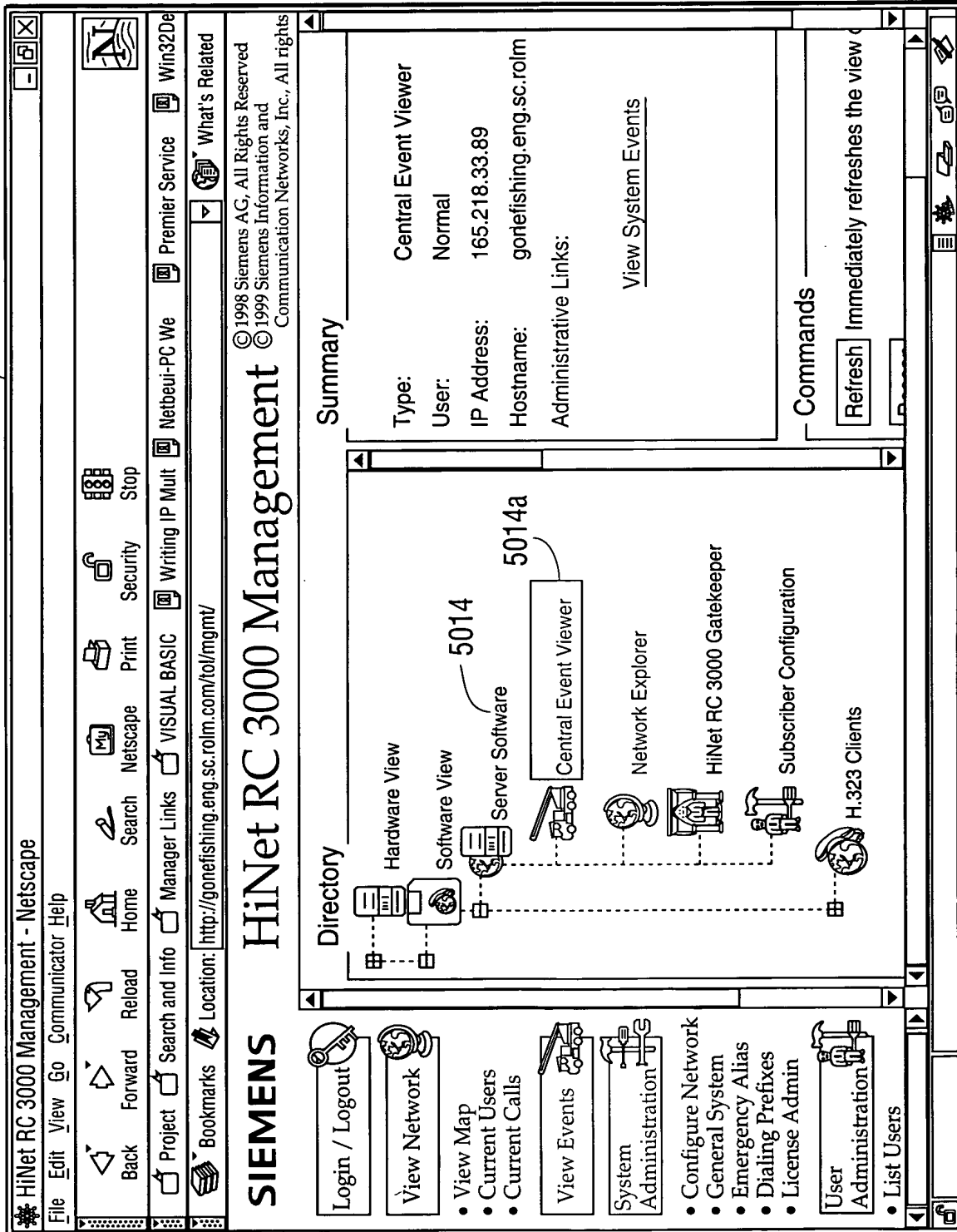
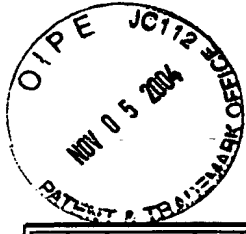


FIG. 19C



5000



HiNet RC 3000 Management - Netscape

File Edit View Go Communicator Help

Back Forward Reload Home

Project Search and Info Manager Links

Backmarks Location: <http://gonefishing.eng.sc.rolm.com/tol/mgmt/>

Win32De

Premier Service

Netbeui-PC We

Writing IP Mult

Visual BASIC

Print

Security

Stop

SIEMENS

HiNet RC 3000 Management

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Communication Networks, Inc., All rights

Login / Logout

View Network

View Map

Current Users

Current Calls

View Events

System Administration

Configure Network

General System

Emergency Alias

Dialing Prefixes

License Admin

User Administration

List Users

Directory

Hardware View

5010

gonefishing.eng.sc.rolm.com

5010a

5010b

5010c

ucdavis.eng.sc.rolm.com

allima2.eng.sc.rolm.com

oxygen.eng.sc.rolm.com

akia.eng.sc.rolm.com

altos.eng.sc.rolm.com

tiatin.eng.sc.rolm.com

gridwood.eng.sc.rolm.com

chin.eng.sc.rolm.com

Summary

Type: Windows NT 4.0

User: Available

IP Address: 165.218.33.89

Hostname: gonefishing.eng.sc.rolm

Administrative Links:

View Events

Commands

Refresh

Immediately refreshes the view

FIG. 19D



5000

**HiNet RC 3000 Management - Netscape**

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Stop

Bookmarks Location: <http://gonefishing.eng.sc.rohm.com/tol/mgmt/>

Stanford Univer Rec.humor.funny Siemens Santa C Enterprise Netw Santa Clara PM\_ WWW Search

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## SIEMENS 5006 HiNet RC 3000 Management

Login / Logout

View Network

- View Map
- Current Users
- Current Calls

View Events

System Administration

- Configure Network
  - General System
  - Emergency Alias
  - Dialing Prefixes
  - License Admin

User Administration

- List Users
- Create User
- User Defaults
- Admin Self

Home Page

Help

**Current IP address ranges** 5050

139.82.10.42	- 139.82.10.42
165.218.32.117	- 165.218.32.117
165.218.32.131	- 165.218.32.131
165.218.22.27	- 165.218.22.27

5070 Remove Remove All 5072

**Add IP Range** 5052

Start of Range:

End of Range:

Clear Add

**Runtime Configuration** 5054

Minutes between automatic rescans:

Days until old components are removed:

Set Reset

**Actions** 5056

Rescan (w/o Clear)

Rescan (w/Clear)

Pause

**Status Messages** 5058

Document: Done

FIG. 19E